

A schematic diagram of a semiconductor device, likely a memory array, showing a grid of conductive lines. The diagram includes several components labeled with reference numerals:

- 171**: A vertical conductive line on the left side.
- 173**: A horizontal conductive line intersecting line 171.
- 175**: A rectangular component with an 'X' inside, located at the intersection of lines 171 and 173.
- 181**: A rectangular component with diagonal hatching, located at the intersection of lines 171 and 173.
- 121**: A horizontal conductive line intersecting line 171.
- 123**: A rectangular component with diagonal hatching, located at the intersection of lines 171 and 121.
- 154**: A rectangular component with diagonal hatching, located at the intersection of lines 171 and 121.
- 177**: A horizontal conductive line intersecting line 171.
- 182**: A rectangular component with an 'X' inside, located at the intersection of lines 171 and 177.
- 190**: A rectangular component with an 'X' inside, located at the intersection of lines 171 and 177.
- IB**: An input signal line at the bottom left, with an upward arrow indicating its direction.
- IB'**: An input signal line at the top right, with a leftward arrow indicating its direction.

FIG. 2A

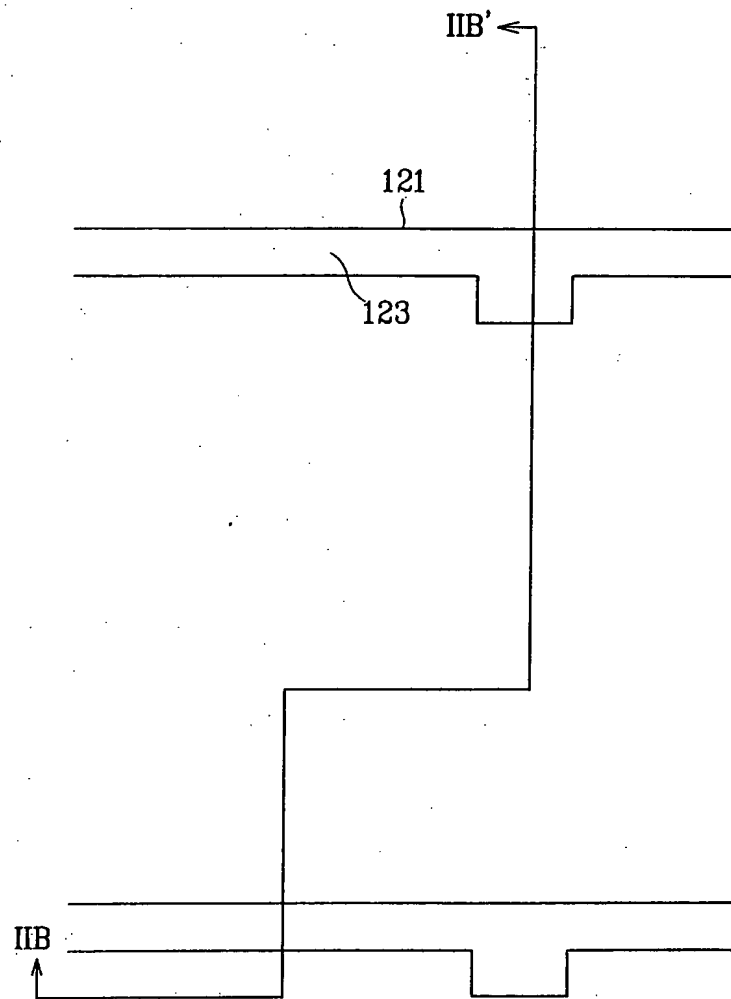


FIG. 2B

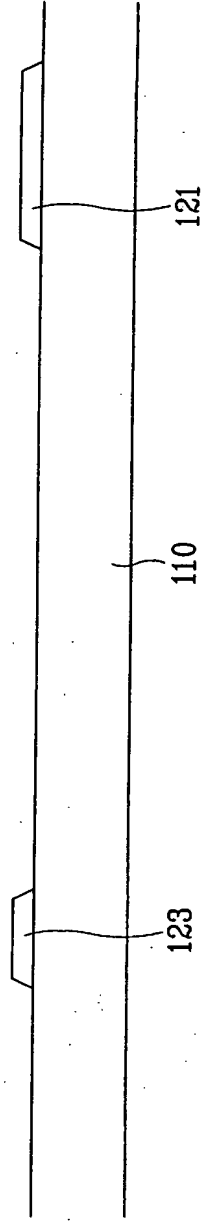


FIG. 3

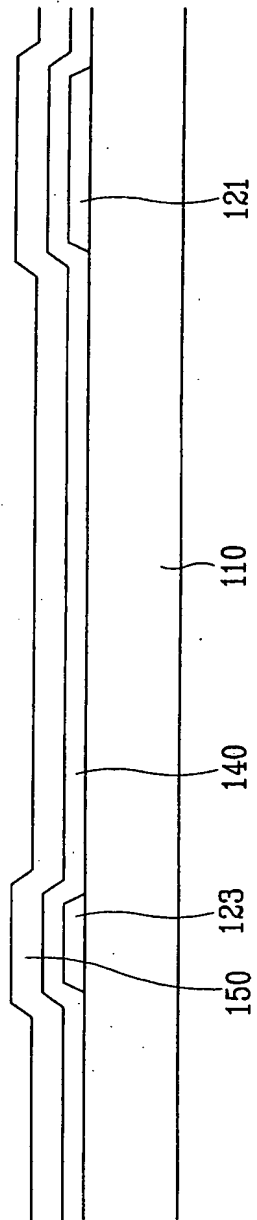


FIG. 4

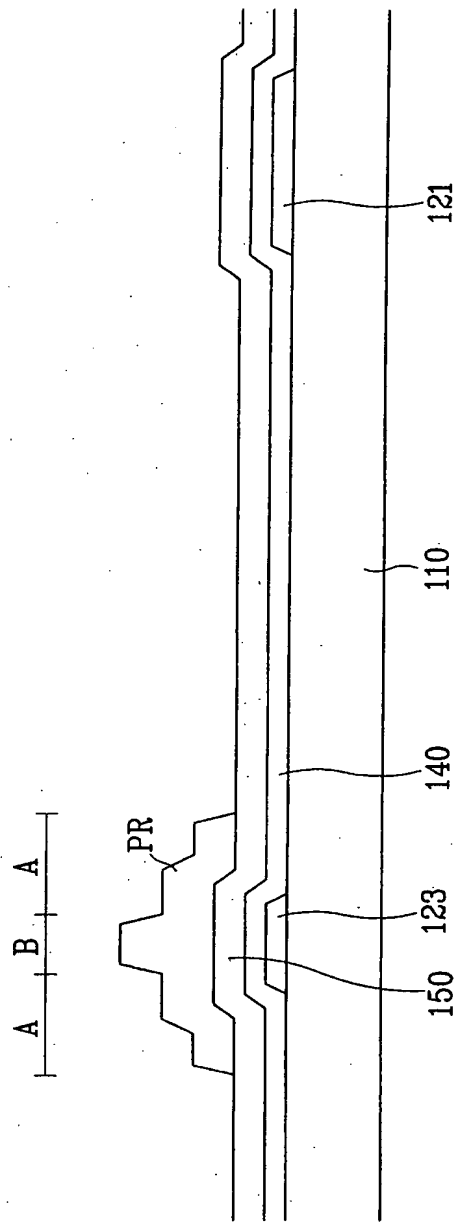


FIG. 5A

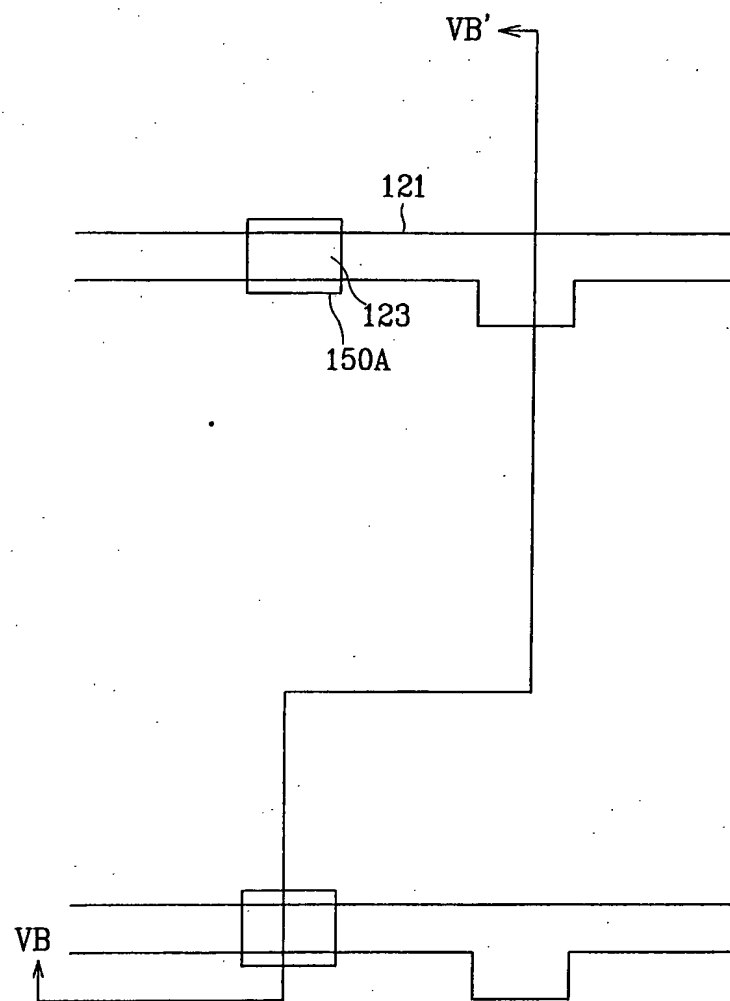


FIG. 5B

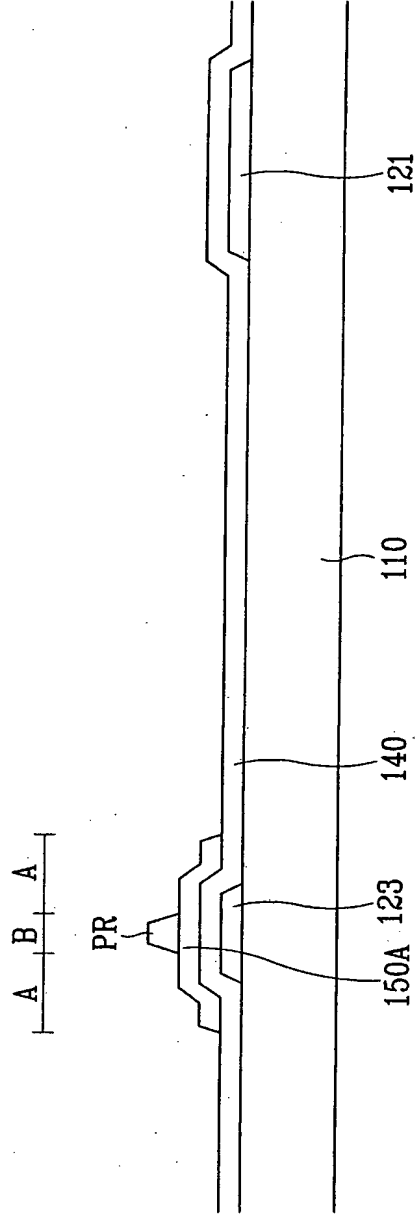


FIG. 6A

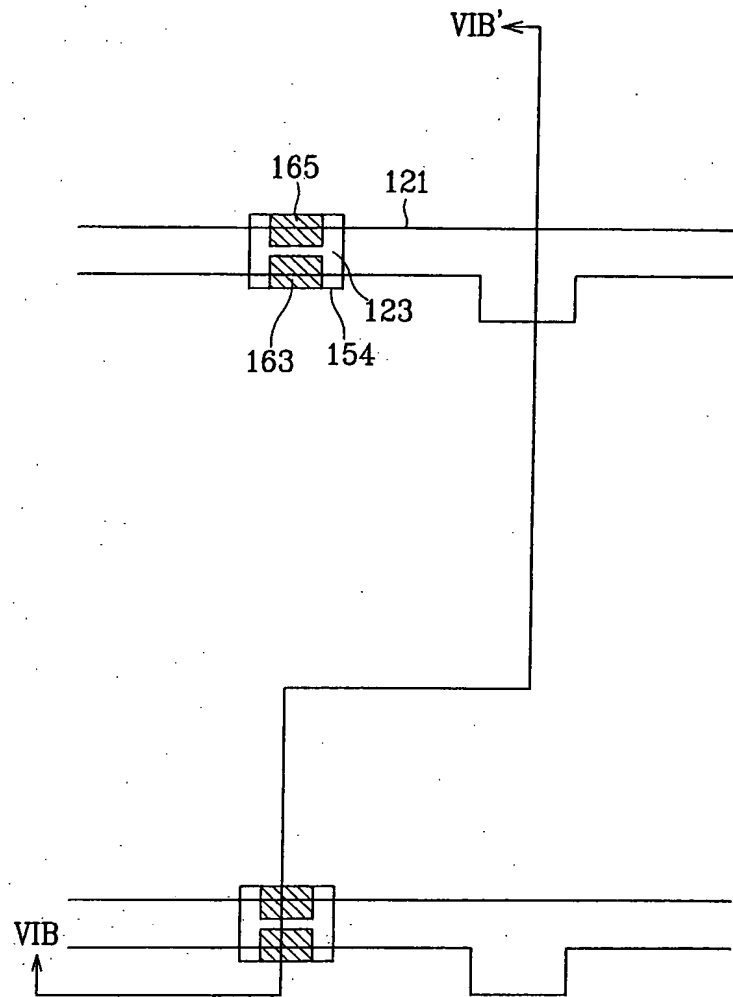


FIG. 6B

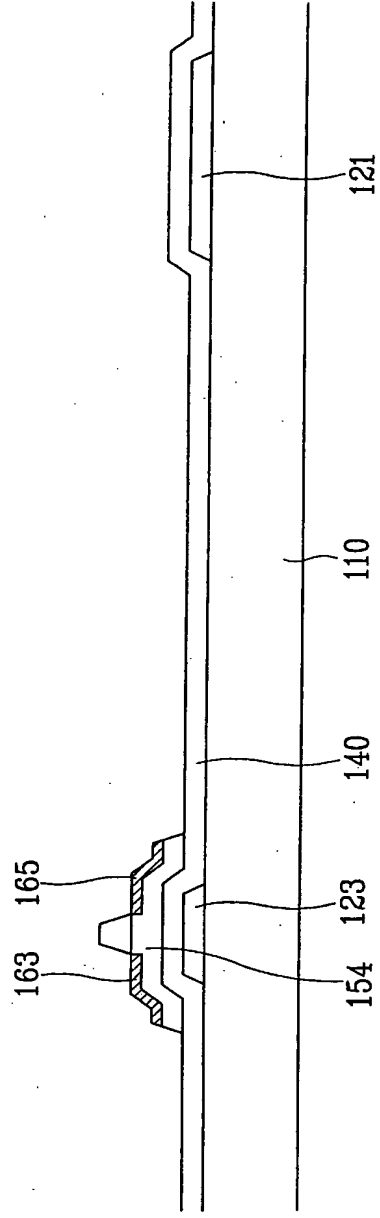


FIG. 7A

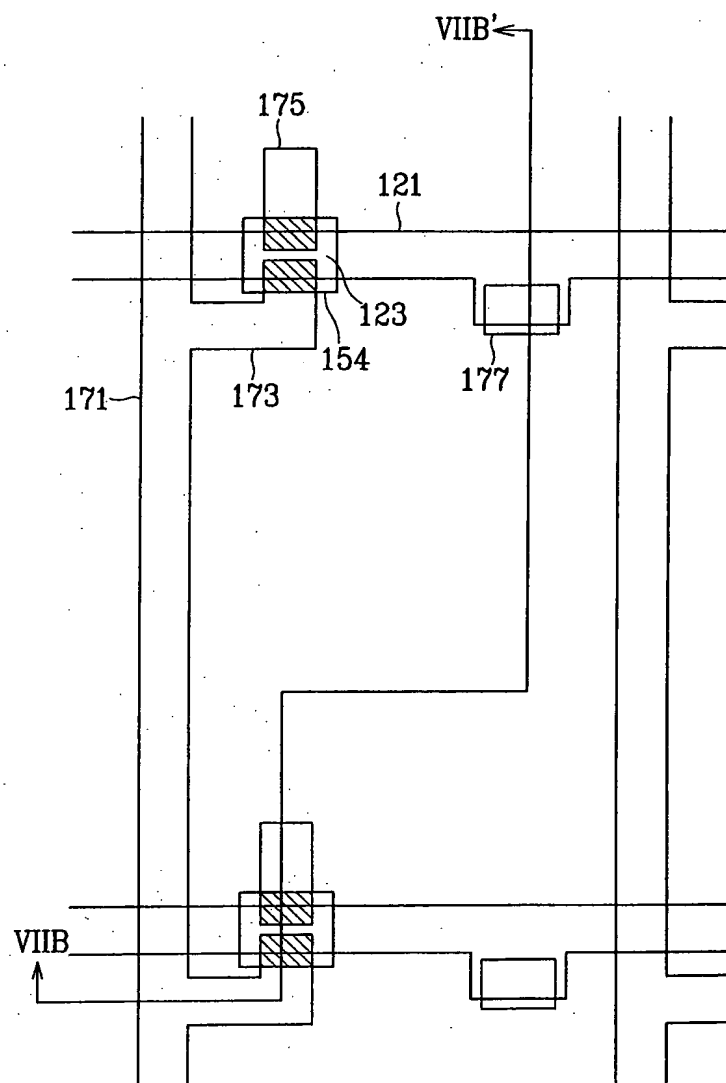


FIG. 7B

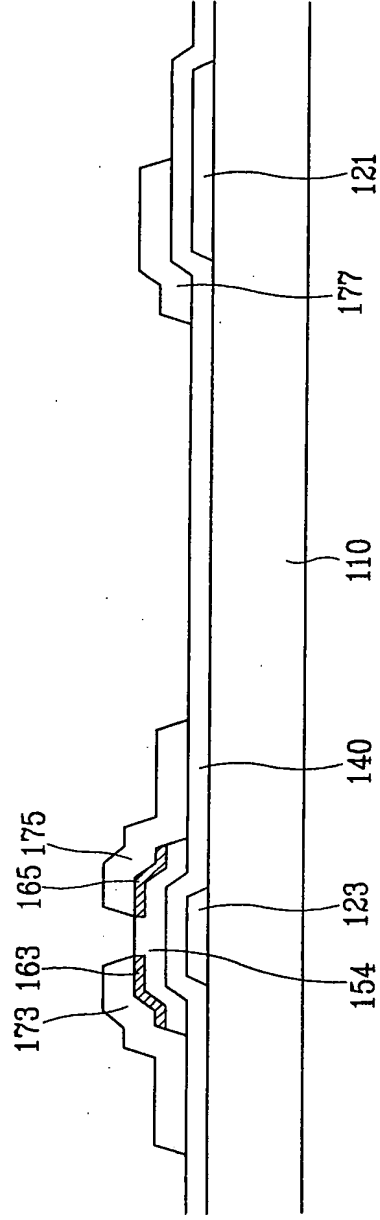
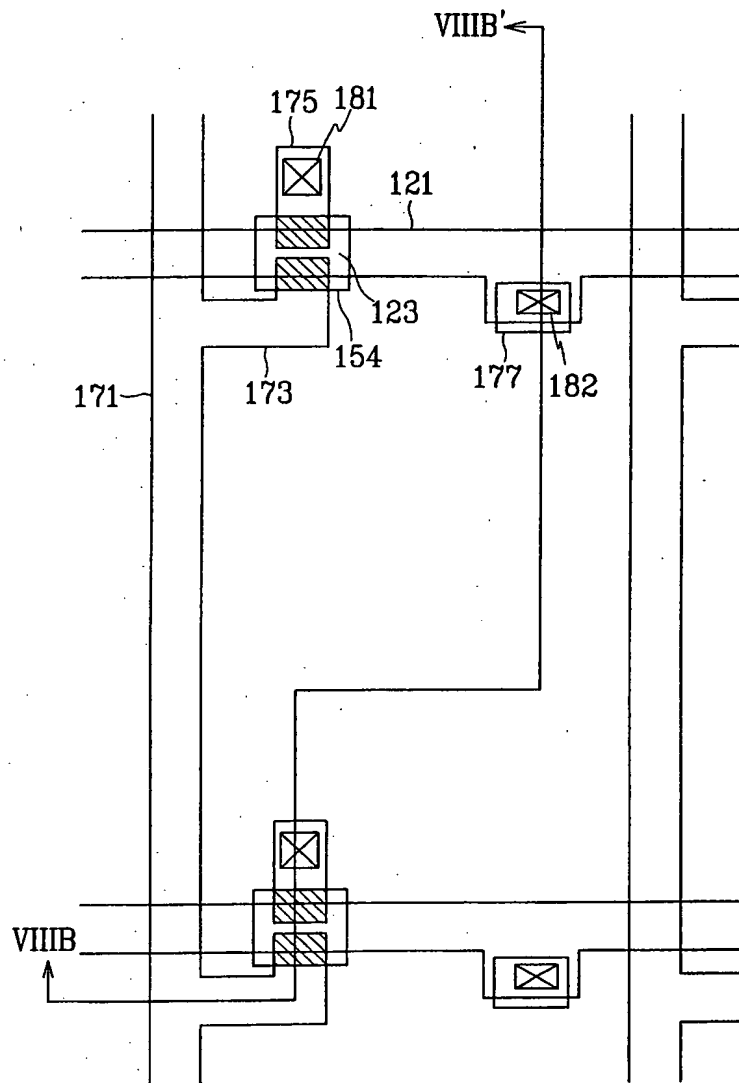


FIG. 8A



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